

**DECLARATION  
AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled **ELECTRICAL CABLE WITH FOAMED SEMICONDUCTIVE INSULATION SHIELD**, the specification of which:

  X   is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119/§172 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:   **NONE**

<b>EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION</b>			
<b>APPLICATION NUMBER</b>	<b>COUNTRY</b>	<b>DATE OF FILING (day, month, year)</b>	<b>PRIORITY CLAIMED UNDER U.S.C. 119/172</b>
			Yes ___ No ___
			Yes ___ No ___
			Yes ___ No ___

APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER U.S.C. 119/172
			Yes ___ No ___
			Yes ___ No ___
			Yes ___ No ___

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:                   **NONE**

APPLICATION SERIAL NUMBER	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint Lorimer P. Brooks, Reg. No. 15,155, William R. Robinson, Reg. No. 27,224, Kurt G. Brisco, Reg. No. 33,141, William C. Gertenjang, Reg. No. 27,552, Bruce S. Londa, Reg. No. 35,531, Robert A. Hyde, Reg. No. 46,354, Davy E. Zoneraich, Reg. No. 37,267, Mark A. Montana, Reg. No. 44,948 and Christa Hildebrand, Reg. No. 34,953, at Norris, McLaughlin & Marcus, P.O. Box 1018, Somerville, New Jersey 08876-1018, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith, and to file, prosecute and maintain corresponding patent applications and patents in other countries and regional authority offices outside the United States.

**SEND CORRESPONDENCE TO:**  
William R. Robinson, Esq.  
Norris, McLaughlin & Marcus  
P.O. Box 1018  
Somerville, New Jersey 08876-1018

**DIRECT TELEPHONE CALLS TO:**  
William R. Robinson, Esq.  
(908) 722-0700

2	FULL NAME OF INVENTOR	LAST NAME Kuchta	FIRST NAME Frank	MIDDLE NAME L
0	RESIDENCE & CITIZENSHIP	CITY Columbia	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA
1	POST OFFICE ADDRESS	POST OFFICE ADDRESS 610 Bay Harbor Circle	CITY Columbia	STATE OR COUNTRY ZIP CODE South Carolina 29212
2	FULL NAME OF INVENTOR	LAST NAME Foulger	FIRST NAME Stephen	MIDDLE NAME H.
0	RESIDENCE & CITIZENSHIP	CITY Clemson	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA
2	POST OFFICE ADDRESS	POST OFFICE ADDRESS 301 Monoco Circle	CITY Clemson	STATE OR COUNTRY ZIP CODE South Carolina 29631
2	FULL NAME OF INVENTOR	LAST NAME Carden	FIRST NAME Jason	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY Greenwood	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP USA
3	POST OFFICE ADDRESS	POST OFFICE ADDRESS 420 Stevens Avenue	CITY Greenwood	STATE OR COUNTRY ZIP CODE South Carolina 29646
2	FULL NAME OF INVENTOR	LAST NAME Liu	FIRST NAME Chengjun	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY Lexington	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP P.R. China
4	POST OFFICE ADDRESS	POST OFFICE ADDRESS 325 South lake Drive, Apt. 29	CITY Lexington	STATE OR COUNTRY ZIP CODE South Carolina 29072
2	FULL NAME OF INVENTOR	LAST NAME Maunder	FIRST NAME Andrew	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY Greenwood	STATE OR FOREIGN COUNTRY South Carolina	COUNTRY OF CITIZENSHIP UK
5	POST OFFICE ADDRESS	POST OFFICE ADDRESS 172 Orchard Park Drive	CITY Greenwood	STATE OR COUNTRY ZIP CODE South Carolina 29649
2	FULL NAME OF INVENTOR	LAST NAME Bareggi	FIRST NAME Alberto	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY Milano	STATE OR FOREIGN COUNTRY Italy	COUNTRY OF CITIZENSHIP Italy
6	POST OFFICE ADDRESS	POST OFFICE ADDRESS Via Aselli, 35	CITY Milano	STATE OR COUNTRY ZIP CODE Italy 20133

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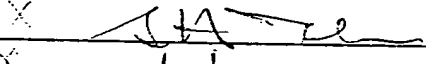
0	FULL NAME OF INVENTOR	LAST NAME Balconi	FIRST NAME Luca	MIDDLE NAME
7	RESIDENCE & CITIZENSHIP	CITY Bresso (MI)	STATE OR FOREIGN COUNTRY Italy	COUNTRY OF CITIZENSHIP Italy
2	POST OFFICE ADDRESS	POST OFFICE ADDRESS Via Mattei, 8	CITY Bresso (MI)	STATE OR COUNTRY ZIP CODE Italy 20091
0	FULL NAME OF INVENTOR	LAST NAME Scelza	FIRST NAME Cristiana	MIDDLE NAME
8	RESIDENCE & CITIZENSHIP	CITY Angellara Di Vallo Della Lucania (SA)	STATE OR FOREIGN COUNTRY Italy	COUNTRY OF CITIZENSHIP Italy
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Via San Salvatore, 6	CITY Angellara Di Vallo Della Lucania (SA)	STATE OR COUNTRY ZIP CODE Italy 84044

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information believed to be true; and further that these statements were made with the knowledge that willful false statements as like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 <i>Frank J. Kuch</i>	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE 1/13/03	DATE	DATE
SIGNATURE OF INVENTOR 204 <i>CF 205</i>	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE 1/13/03	DATE	DATE
SIGNATURE OF INVENTOR 207	SIGNATURE OF INVENTOR 208	DATE
DATE	DATE	

2	FULL NAME OF INVENTOR	LAST NAME Balconi	FIRST NAME Luca	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY Bresso (MI)	STATE OR FOREIGN COUNTRY Italy	COUNTRY OF CITIZENSHIP Italy
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SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202 	SIGNATURE OF INVENTOR 203
DATE	DATE 1/22/03	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE
SIGNATURE OF INVENTOR 207	SIGNATURE OF INVENTOR 208	
DATE	DATE	

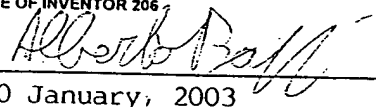
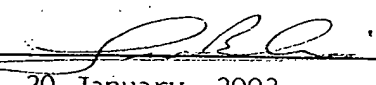

2	FULL NAME OF INVENTOR	LAST NAME Balconi	FIRST NAME Luca	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY Bresso (MI)	STATE OR FOREIGN COUNTRY Italy	COUNTRY OF CITIZENSHIP Italy
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SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203 <i>Jason Cardin</i>
DATE	DATE	DATE 1/16/2003
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205 <i>[Signature]</i>	SIGNATURE OF INVENTOR 206
DATE	DATE Jan 15 <sup>th</sup> , 2003	DATE
SIGNATURE OF INVENTOR 207	SIGNATURE OF INVENTOR 208	
DATE	DATE	

2	FULL NAME OF INVENTOR	LAST NAME Balconi	FIRST NAME Luca	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY Bresso (MI)	STATE OR FOREIGN COUNTRY Italy	COUNTRY OF CITIZENSHIP Italy
7	POST OFFICE ADDRESS	POST OFFICE ADDRESS Via Mattei, 8	CITY Bresso (MI)	STATE OR COUNTRY ZIP CODE Italy 20091
2	FULL NAME OF INVENTOR	LAST NAME Scelza	FIRST NAME Cristiana	MIDDLE NAME
0	RESIDENCE & CITIZENSHIP	CITY Angellara Di Vallo Della Lucania (SA)	STATE OR FOREIGN COUNTRY Italy	COUNTRY OF CITIZENSHIP Italy
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DATE	DATE	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206 
DATE	DATE	DATE 20 January, 2003
SIGNATURE OF INVENTOR 207 	SIGNATURE OF INVENTOR 208 	
DATE 20 January, 2003	DATE 20 January, 2003	

# PCT

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

Kuchta, Frank L.  
610 Bay Harbor Circle  
Columbia, South Carolina 29212  
United States of America

hereby appoints (appoint) the following person as:



agent



common representative

**Name and address**

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Robinson, William R.  
Norris, McLaughlin & Marcus  
721 Route 202-206, P.O. Box 1018  
Somerville, New Jersey 08876-1018  
United States of America

to represent the undersigned before



all the competent International Authorities



the International Searching Authority only



the International Preliminary Examining Authority only

in connection with the international application identified below:

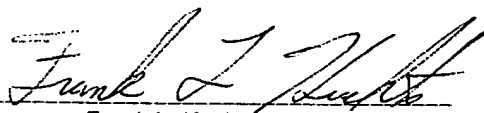
**Title of the invention:** "Electrical Cable With Foamed Semiconductive Insulation Shield"

**Applicant's or agent's file reference:** PCUS-062

**International application number (if already available):** PCT/US02/39416

filed with the following Office United States as receiving Office  
and to make or receive payments on behalf of the undersigned.

**Signature of the applicant(s)** (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):



Frank L. Kuchta

Date:

4/23/03

# PCT

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

Liu, Chengjun  
325 South Lake Drive, Apt. 29  
Lexington, South Carolina 29072  
United States of America

hereby appoints (appoint) the following person as:



agent



common representative

**Name and address**

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Robinson, William R.  
Norris, McLaughlin & Marcus  
721 Route 202-206, P.O. Box 1018  
Somerville, New Jersey 08876-1018  
United States of America

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in connection with the international application identified below:

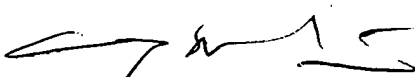
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Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):



Chengjun Liu

Date:

Apr. 1 22. 2003

# PCT

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

Foulger, Stephen H.  
301 Monoco Circle  
Clemson, South Carolina 29631  
United States of America

hereby appoints (appoint) the following person as:



agent



common representative

**Name and address**

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Robinson, William R.  
Norris, McLaughlin & Marcus  
721 Route 202-206, P.O. Box 1018  
Somerville, New Jersey 08876-1018  
United States of America

to represent the undersigned before



all the competent International Authorities



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**Title of the invention:** "Electrical Cable With Foamed Semiconductive Insulation Shield"

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**Signature of the applicant(s)** (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):

X   
Stephen H. Foulger

X Date:

4/23/03

# PCT

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

Maunder, Andrew  
172 Orchard Park Drive  
Greenwood, South Carolina 29649  
United States of America

hereby appoints (appoint) the following person as:



agent



common representative

**Name and address**

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Robinson, William R.  
Norris, McLaughlin & Marcus  
721 Route 202-206, P.O. Box 1018  
Somerville, New Jersey 08876-1018  
United States of America

to represent the undersigned before



all the competent International Authorities



the International Searching Authority only



the International Preliminary Examining Authority only

in connection with the international application identified below:

Title of the invention: "Electrical Cable With Foamed Semiconductive Insulation Shield"

Applicant's or agent's file reference: PCUS-062

International application number (if already available): PCT/US02/39416

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**Signature of the applicant(s)** (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):



Andrew Maunder

Date: X April 25, 2003

# PCT

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

Carden, Jason  
420 Stevens Avenue  
Greenwood, South Carolina 29646  
United States of America

hereby appoints (appoint) the following person as:



agent



common representative

**Name and address**

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Robinson, William R.  
Norris, McLaughlin & Marcus  
721 Route 202-206, P.O. Box 1018  
Somerville, New Jersey 08876-1018  
United States of America

to represent the undersigned before



all the competent International Authorities



the International Searching Authority only



the International Preliminary Examining Authority only

in connection with the international application identified below:

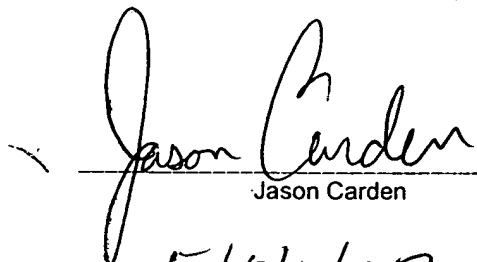
**Title of the invention:** "Electrical Cable With Foamed Semiconductive Insulation Shield"

**Applicant's or agent's file reference:** PCUS-062

**International application number (if already available):** PCT/US02/39416

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**Signature of the applicant(s)** (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):

  
\_\_\_\_\_  
Jason Carden

Date: 

# PCT

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

Barèggi, Alberto  
Via Aselli, 35  
20133 Milano  
Italy

hereby appoints (appoint) the following person as:



agent.



common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Robinson, William R.  
Norris, McLaughlin & Marcus  
721 Route 202-206, P.O. Box 1018  
Somerville, New Jersey 08876-1018  
United States of America

to represent the undersigned before



all the competent International Authorities



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the International Preliminary Examining Authority only

in connection with the international application identified below:

Title of the invention: "Electrical Cable With Foamed Semiconductive Insulation Shield"

Applicant's or agent's file reference: PCUS-062

International application number (if already available): PCT/US02/39416

filed with the following Office, United States

as receiving Office

and to make or receive payments on behalf of the undersigned:

Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):

  
Alberto Barèggi

Date: 29 April, 2003

# PCT

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

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The undersigned applicant(s) (Names should be indicated as they appear in the request):

Balconi, Luca  
Via Mattei, 8  
20091 Bresso (MI)  
Italy

hereby appoints (appoint) the following person as:



agent



common representative

**Name and address**

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Robinson, William R.  
Norris, McLaughlin & Marcus  
721 Route 202-206, P.O. Box 1018  
Somerville, New Jersey 08876-1018  
United States of America

to represent the undersigned before:



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the International Preliminary Examining Authority only

in connection with the international application identified below:

Title of the invention: "Electrical Cable With Foamed Semiconductive Insulation Shield"

Applicant's or agent's file reference: PCUS-062

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Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs. If such capacity is not obvious from reading the request or this power):

  
Luca Balconi

Date: 29 April, 2003

# PCT

## POWER OF ATTORNEY

*(for an international application filed under the Patent Cooperation Treaty)*

(PCT Rule 90.4)

The undersigned applicant(s) *(Names should be indicated as they appear in the request):*

Scelza, Cristiana  
Via San Salvatore, 6  
84044 Angellara Di Vallo Della Lucania (SA)  
Italy

hereby appoints (appoint) the following person as:



agent



common representative

Name and address

*(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

Robinson, William R.  
Norris, McLaughlin & Marcus  
721 Route 202-206, P.O. Box 1018  
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Cristiana Scelza

Date:

29 April, 2003